

VAS Data Analysis November 2024

This report presents an analysis of the data downloaded from the six Vehicle Activation Signs located on Church End (CE) **30**mph, Church Hill (CH) **40**mph, Oldways Road, (OR) **40**mph, Kimbolton Road (KR) **30**mph, outside Wayside Farm Park (WFP) **30**mph and on Butler Street (BS) **40**mph.

As per previous reports, the previous month's data is tabulated alongside the most recent data download, for comparison.

In = vehicles approaching VAS from direction flashing sign is pointed. Out = vehicles passing VAS from other direction.

October 2024						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	5459	5266	193	3.5	43	10pm
CE-Out	5297	5040	257	4.9	51	8pm
CH- In	12800	11302	1498	11.7	73	6.30pm
CH-Out	12513	10856	1657	13.2	89	6pm
OR-In	NOT IN OPERATION					
OR-Out						
KR-In	26031	16900	9131	35.1	77	9.30pm
KR-Out	21673	8231	13442	62.0	94	4.30pm
WFP-In	34042	24855	9187	27.0	77	11am
WFP-Out	50143	17606	32537	64.9	93	10.30am
BS-In	57012	51729	5283	9.3	81	10pm
BS-Out	62839	55528	7311	11.3	118	1.30pm

November 2024						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	5031	4814	217	4.3	54	11.30pm
CE-Out	4803	4615	188	3.9	45	2.30am
CH- In	12272	10960	1312	10.7	80	11pm
CH-Out	12028	10556	1472	12.2	78	7pm
OR-In	70450	66388	4062	5.8	78	9.30pm
OR-Out	66735	53908	12827	19.2	86	11.30am
KR-In	24339	14903	9436	38.8	74	8pm
KR-Out	21255	6505	14750	69.4	76	5.30pm
WFP-In	11679	8093	3586	30.7	66	12pm
WFP-Out	14644	5081	9563	65.3	96	8am
BS-In	44634	40677	3957	8.9	76	8pm
BS-Out	49117	43172	5945	12.1	97	8am

Observations: The closure of Cleat Hill continues to influence traffic patterns. Data from the VAS at Wayside Farm Park indicates that traffic **volume** on Bedford Road has continued to decline, while Oldways Road has experienced a significant increase in traffic. (Comparison with September data: Incoming traffic 49282, Outgoing

traffic 41802). The overall percentage of **speeding** vehicles remains stable, with the exception of Oldways Road, where conversely, despite the increase in vehicles numbers, speeding incidents have notably decreased. (Comparison with September data: Incoming traffic 11.5% Outgoing traffic 31.3%).

Graphs: The data analysis is presented in four graphs:

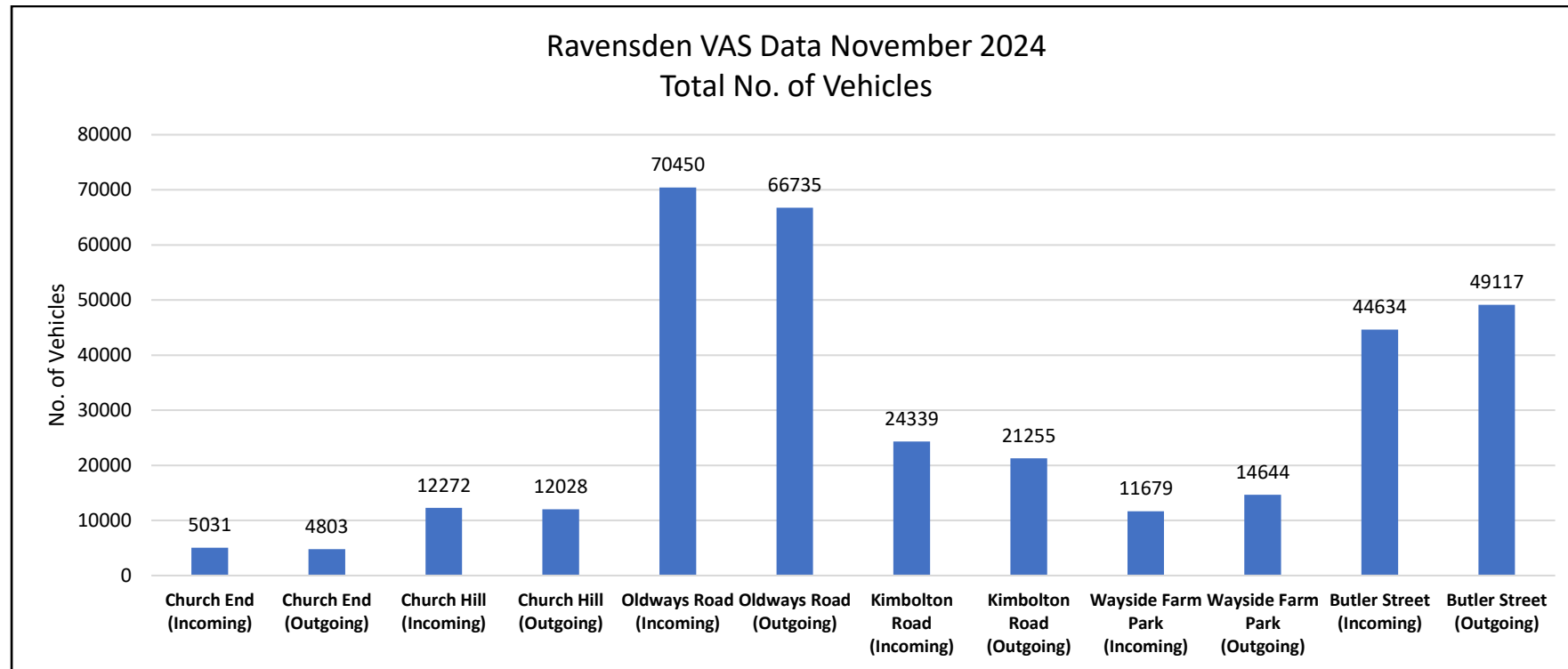
Graph 1 illustrates the total count of incoming and outgoing vehicles registered by each VAS.

Graph 2 displays the maximum speeds and corresponding times recorded at each site.

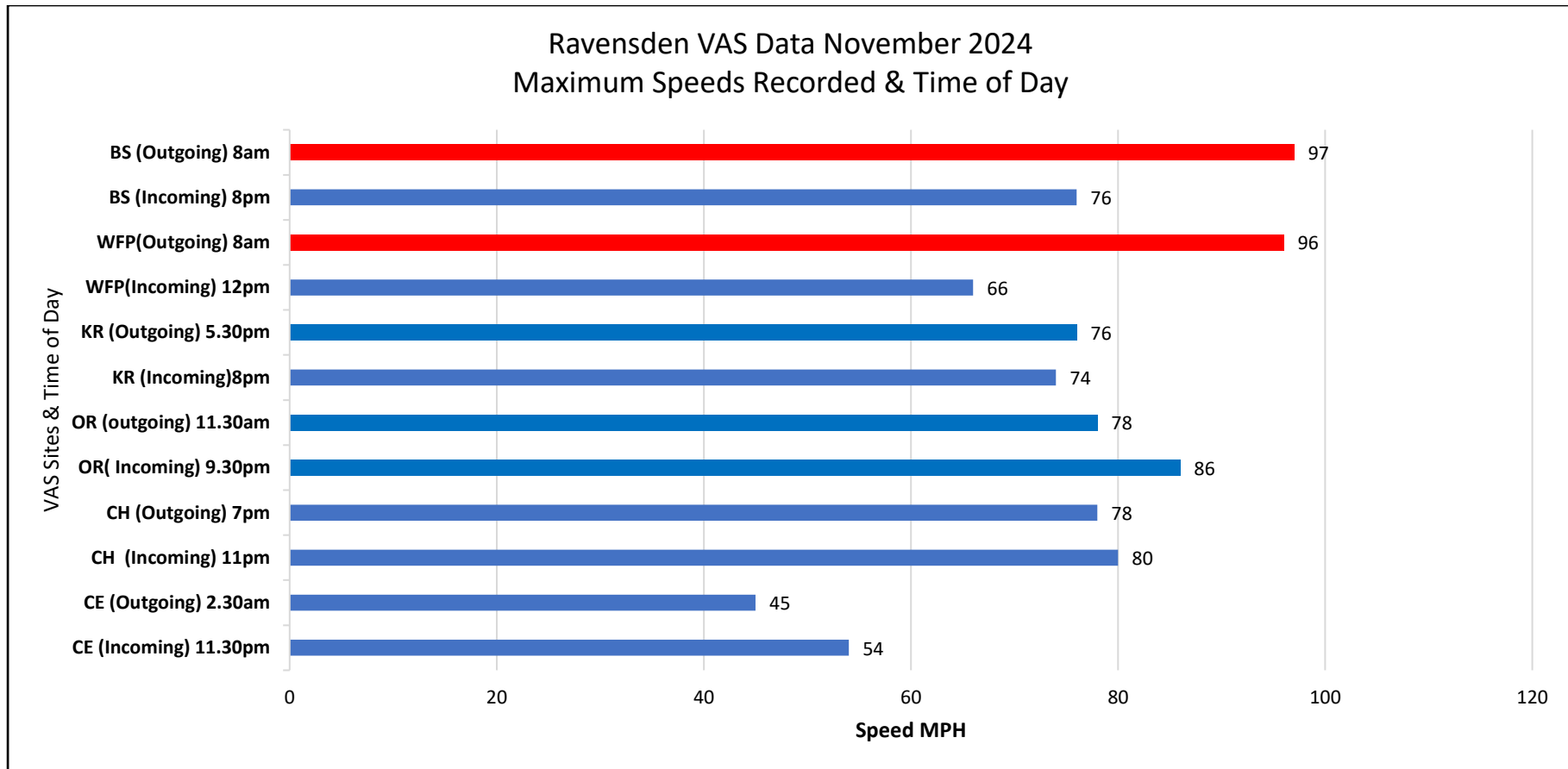
Graph 3 depicts the percentage of speeding vehicles and the percentage of vehicles traveling at 5mph or more above the permitted speed limits (which increases the likelihood of fines if caught speeding).

Graphs 4a & 4b presents the aggregated (bi-directional) VAS data for each of the six sites. September data is included for comparison.

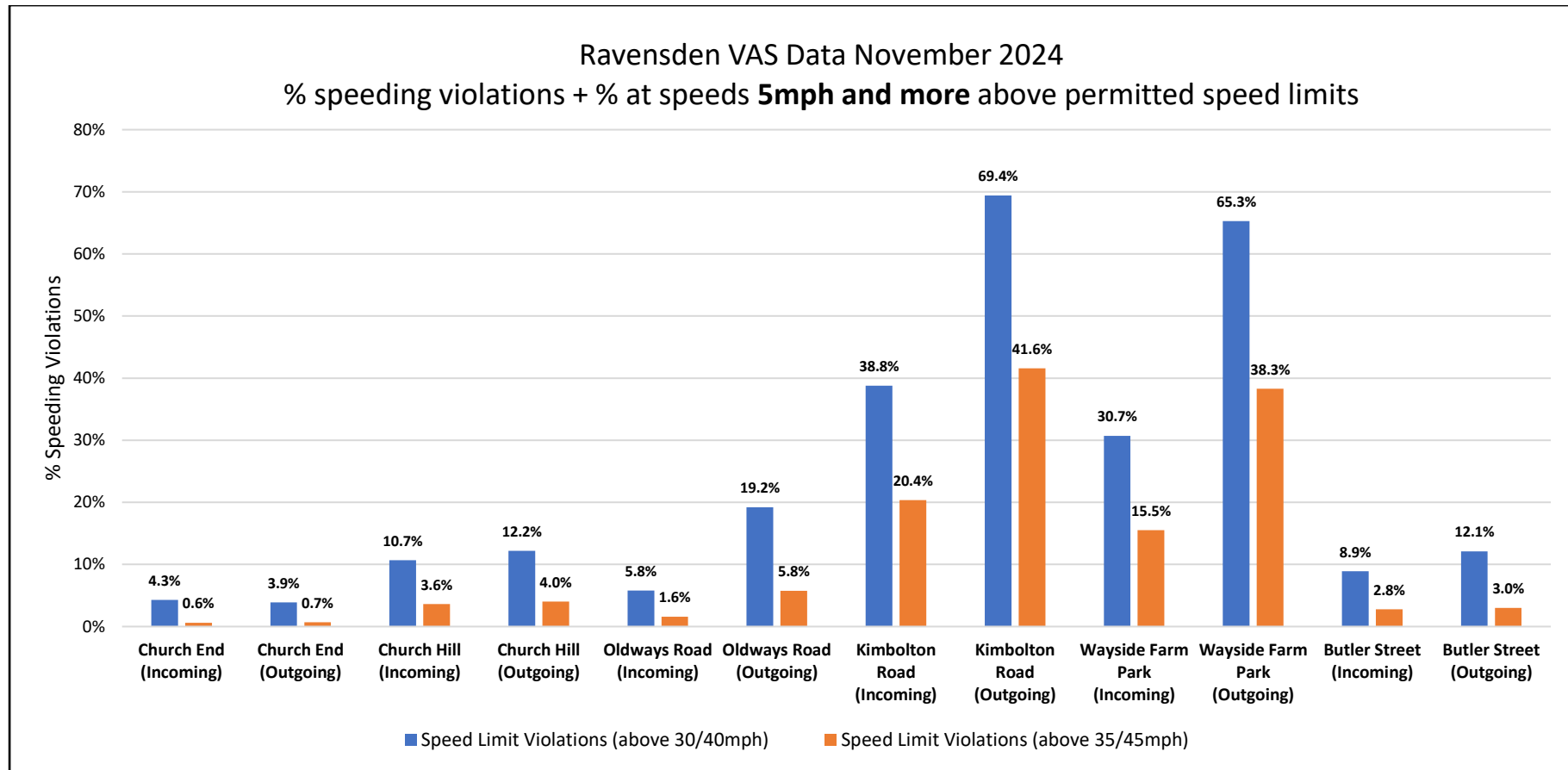
Graph 1



Graph 1



Graph 2



Graph 3a & 4b

